

2023 WSU Variety Testing Soft White Spring Wheat Trial, Endicott

Variety Name <i>Club Italicized</i>	2023					2 Year	3 Year	4 Year
	Yield (Bu/A)	Test WT (Lbs/Bu)	Protein (%)	Plant HT (In)	Head Date	Average (Bu/A)	Average (Bu/A)	Average (Bu/A)
Released Varieties								
<i>Melba</i>	40	61.9	8.8	24	160	47	38	52
TMC Lochaven	38	63.1	9.2	24	156	46	38	
Louise	37	61.4	8.7	28	160	46	39	52
<i>Roger</i>	37	63.2	8.9	23	156	50	39	49
Seahawk	35	62.5	8.6	25	159	45	35	45
Ryan (Large Seed)[†]	35	62.3	9.2	27	154			
Ryan (Small Seed)	34	62.5	8.9	25	155			
WB6211CLP	34	61.5	9.1	26	155	42	34	
Tekoa	34	63.0	8.5	27	160	45	37	46
<i>Hedge CL+</i>	34	63.3	9.4	25	158	45	36	46
Ryan	34	62.2	9.0	24	155	45	38	49
Butch CL+ (WA8354 CL+)	31	63.5	9.2	23	155	43	35	
UI Cookie	31	62.6	9.9	25	155	39	31	
AP Mondovi CL2	29	62.3	10.1	27	157	39	33	43
Experimental Lines								
WA8384	39	62.4	8.5	27	156			
WA8383	38	61.6	8.4	27	157			
WA8408	38	62.5	8.5	24	156			
WA8351	37	62.5	8.4	25	156	53		
WA8327	36	61.7	8.4	24	157	47		
WA8380 CL+	34	62.0	8.9	28	164			
WA8409	34	62.0	8.7	25	156			
WA8379 CL+	33	62.8	8.5	22	157			
IDO1902S	30	63.9	9.1	26	155	39		
WA8410	29	63.3	8.9	23	154			
C.V.	6	0.6	3.4	6	0.5	10	11	11
LSD	3	0.6	0.4	2	1	4	3	3
Average	35	62.5	8.9	25	157	44	36	48
Highest	40	63.9	10.1	28	164	50	39	52
Lowest	29	61.4	8.4	22	154	39	31	43

[†]Ryan Seed Sizes: Large=9,400 seed/lb; Medium=13,150 seed/lb; Small=16,200 seed/lb

Agronomic Information

Planting Date:	4/5/2023
Harvest Date:	7/28/2023
Seeding Rate (seeds/ac):	870,000
Previous Crop:	Winter Wheat
Spring soil test:	
N (lb/ac) 4-ft sample	165
P ₂ O ₅ (lb/ac) 1-ft sample	170
S (lb/ac) 2-ft sample	15
pH (top 6 inches)	5.4

Trial Notes:

1. The nursery was located approximately 3.5 miles southwest of Endicott, WA.
2. The nursery was fertilized prior to seeding at a rate of 86N, 40P, 19K, 10S, and 15Cl. No additional fertilizer was applied after soil sampling.
3. Yield was 36% lower and test weight was the same compared to 2022.

Cooperator: Monty Miller

Herbicides: Axial (15oz), Huskie (15oz), Miravis Ace (7oz), and Tilt (2oz) were applied on May 23, 2023.